

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 12   | "gunn, iii".in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/20 09:39 |
| S2    | 3210 | (385/37).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/20 10:05 |
| S3    | 4557 | (385/37,39).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/20 09:40 |
| S4    | 413  | S2 and gaussian   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/02/20 10:05 |
| S5    | 6    | ("4978187"   "5009484"  <br>"5033812"   "5101459"   "5436991"<br>  "5469518").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/20 10:31 |
| S6    | 13   | ("6285813").URPN.   | USPAT   | OR               | ON      | 2006/02/20 10:31 |
| S7    | 7    | ("5657407").URPN.   | USPAT   | OR               | ON      | 2006/02/20 10:34 |
| S8    | 9    | ("3982810"   "4779259"  <br>"5003550"   "5103456"   "5122644"<br>  "5220573"   "5306925"  <br>"5347533"   "5446534").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/02/20 10:37 |
| S9    | 169  | (359/575).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/20 11:32 |
| S10   | 18   | ((("5864574") or ("5793521") or<br>("6285813") or ("5101459") or<br>("5033812") or ("5436991") or<br>("5200939") or ("5132843") or<br>("5742433"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/20 11:33 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S11 | 1848 | grating with (irregular\$4<br>nonuniform\$4 (non adj (uniform\$4<br>linear\$4)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 11:47 |
| S12 | 366  | 385/14,31,37,39,43.ccls. and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 11:54 |
| S13 | 255  | 385/43.ccls. and grating\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 11:54 |
| S14 | 127  | grating adj coupler with<br>(nonuniform\$4 (non adj (uniform\$4<br>linear\$4 monotonic\$4 periodic\$4))<br>varying varied increas\$3 decreas\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 13:34 |
| S15 | 1    | ("5805750").URPN.  | USPAT   | OR | ON  | 2006/02/20 13:39 |
| S16 | 6    | ("5022730"   "5101459"  <br>"5276745"   "5315676"   "5361244"<br>  "5471548").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/02/20 13:45 |
| S17 | 2    | ("5314676").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 13:45 |
| S18 | 2    | ("5315676").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 14:08 |
| S19 | 0    | ("1-107213").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 14:08 |

## EAST Search History

|     |   |                  |   |    |     |                  |
|-----|---|------------------|---|----|-----|------------------|
| S20 | 8 | ("1107213").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 14:08 |
| S21 | 8 | ("1107213").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 14:08 |
| S22 | 0 | ("1-107213").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/20 14:08 |
| S23 | 0 | 1-107213         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 14:09 |
| S24 | 1 | 01-107213        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 14:09 |
| S25 | 3 | "01107213"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/20 14:09 |